

**Ten Spot Refuse Abandoned Mine Lands**  
**Enhancement Project (AMLEP)**

Harlan County, KY

Evarts Quadrangle

*Project Description*

The proposed project (10.4 acres total, 5.82 acres of refuse piles) will remove and reclaim existing coal refuse piles located in central Harlan County approximately 0.25 miles west of the community of Ten Spot. The coal refuse areas were created in the 1920's from underground workings in the Harlan, Darby and Creech coal seams by the Harlan-Wallins Coal Cooperation. The proposed reclamation project area is centrally located at latitude 36° 50' 49" N and longitude 83° 13' 35.7" W (see attached map). The refuse piles are potential fire hazards, environmental threats and a possible source of pollution draining into Jones Creek and Clover Fork.

All coal refuse from the project area will be excavated and trucked to a permitted coal processing facility (Highsplint, KY) using the access roads identified on the plan view. Access to the work area will be via County Road II-1100-D (Mine Road) to KY 1601 to KY 38. All the referenced roads are well maintained with durable asphalt surface. Access from the end of County Road-II-1100-D to the project site will be by existing roads. These roads have previously been used for coal mining activities; however, they will require regrading, ditching, and durable surface applied prior to material removal from the site. The roads will be maintained throughout the life of the project. Dust will be controlled by watering methods and monitored near the state highway entrance to prevent the tracking of excessive debris onto the roadway. Excessive engine breaking will be discouraged.

The refuse piles are small, less than 2 acres each. It is anticipated that the material will be pushed down from the top in five to ten foot intervals. Mine maps indicate that there are no mine portals within the refuse pile; however, the operator will use caution to ensure that if water is encountered it will be allowed to bleed off slowly and directed to a sediment control basin prior to entering the stream channel. Water will be allowed to flow freely unless determined that the area needs to be sealed in order to maintain existing domestic water supplies. Sedimentation from the recovery operation will be controlled by straw bales and/or silt fences. If deemed necessary during refuse removal operations, a series of sumps/sediment traps will be constructed to control runoff. The refuse piles appear to have mature trees on the slopes, which will require removal. Refuse removal will be conducted between the hours of 6:00 a.m. and 6:00 p.m. Monday through Saturday, unless an emergency warrants the changing of the scheduled work hours.

As refuse recovery operations are completed in any given area not to be redisturbed, the area will be scarified, limed, topsoiled or alternate topsoiled, then seeded and mulched according to the revegetation plan. Upon completion of refuse recovery operations, all disturbed areas will be revegetated so as to prevent erosion and establish a suitable post-reclamation land use, compatible with future anticipated uses by the surface owner.

This project will include pre- and/or post- project maintenance and repair of existing previously constructed public county roads utilized during the construction of this project, which are administered by the county or local road authority. This construction activity will be conducted under the authority and supervision of the local public road authority and will consist of standard road construction practices appropriate to mitigate impacts to the local community from potential degraded road conditions in order to maintain public traffic safety.